

Dear colleagues,

Welcome to session ST3.2.

Please find the program on the next page.

Note that we organize a WebEx virtual meeting at the same time. Authors could present their display through either the text-based chat channel or video/audio-based meeting. Therefore, if you cannot find the authors on the channel, please search them in the virtual meeting through the link below. To attend the meeting, one does not need any ID.

WebEx virtual meeting

Subject: ST3.2-EGU2020

When: Friday, May 8, 2020 1:40 PM-4:40 PM Europe/Amsterdam.

Where:

<https://meetingsema18.webex.com/meetingsema18/j.php?MTID=m91ba2752e97b21c2c09795ebaa10a6f0>

Alternative ways to join the meeting:

Meeting number (access code): 953 599 931

Meeting password: wMs4ia3PP5J (96744237 from phones and video systems)

Join by phone

Tap to call in from a mobile device (attendees only)

+44-20-7660-8149 United Kingdom Toll

Global call-in numbers

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Sincerely,
The session Conveners

Schedule of Session 3.2

14:00 -14:10 (solicited, including Q&A)

(1) EGU2020-12350

The upper atmospheric responses to tidal and planetary waves

Sheng-Yang Gu

14:11-14:53 (5 displays in the following order, 8.5 min/display including Q&A)

(2) EGU2020-2631

Statistical investigation of gravity wave propagation in the Czech Republic and above

Jaroslav Chum, Katerina Podolska, Jan Ruzs, and Jiri Base

(3) EGU2020-381

The nighttime poleward wind responses to SAPS simulated by TIEGCM: a universal time effect

Kedeng Zhang, Hui Wang, Wenbin Wang, Jing Liu, Shunrong Zhang, and Cheng Sheng

(4) EGU2020-8844

Characteristics of daytime medium-scale traveling ionospheric disturbances (MSTIDs) as observed by SWARM

Chinmaya Nayak and Stephan Buchert

(5) EGU2020-11224

Vertical Atmospheric Coupling during the September 2019 Antarctic Sudden Stratospheric Warming

Yosuke Yamazaki, Vivien Matthias, Yasunobu Miyoshi, Claudia Stolle, Tarique Siddiqui, Guram Kervalishvili, Jan Laštovička, Michal Kozubek, William Ward, David Themens, Samuel Kristoffersen, and Patrick Alken

(6) EGU2020-18642

Comparing the ionospheric response to the 2008/2009 and 2018/2019 SSW events

Tarique Adnan Siddiqui, Yosuke Yamazaki, and Claudia Stolle

14:54-15:54(6 displays in the following order, 8.5 min/display including Q&A)

(7) EGU2020-6009

Perturbations of Global Wave Dynamics During Stratospheric Warming Events of the Solar Cycle 24

Valery Yudin, Larisa Goncharenko, Svetlana Karol, and Lynn Harvey

(8) EGU2020-4062

Variations of upper atmospheric high-order solar tidal harmonics during sudden stratospheric warming 2018

Maosheng He, Jeffrey Forbes, Jorge Chau, Guozhu Li, Weixing Wan, and Dmitry Korotyshkin

(9) EGU2020-5401

An opposite response of the low-latitude ionosphere at Asian and American sectors during storm recovery phase: drivers from below and above

Chao Xiong, Hermann Luehr, and Yosuke Yamazaki

(10) EGU2020-16618

Efficient global ionospheric modeling based on multi-source and massive observation data

Xulei Jin, Shuli Song, Wei Li, and Na Cheng

(11) EGU2020-4805

Graphical models method - implementation to coupling processes in the atmosphere

Kateřina Podolská, Petra Koucká Knížová, Jaroslav Chum, Michal Kozubek, and Dalia Burešová

(12) EGU2020-7390

Monitoring Perturbations in the Lower-Ionosphere Using GNSS Radio Occultation Observed from Spire's Cubesat Constellation

Giorgio Savastano, Karl Nordström, Matthew Angling, Vu Nguyen, Timothy Duly, Takayuki Yuasa, and Dallas Masters

(13) EGU2020-7175

Comprehensive Analysis of the Magnetic Signatures of Small-Scale Traveling Ionospheric Disturbances, as Observed by Swarm

Fan Yin, Hermann Lüher, Jaeheung Park, and Ling Wang

14:54- ?(Open Discussion)